



CASE STUDY :: **BROAD MOUNTAIN POWER** Landfill Gas-to-Energy Project

Location: Hegins, PA
Services: Electric Generation & Landfill Gas Disposed
Project Start: 2008
Plant Capacity: 10.2 MW
Developer: UGI Development Company
Major Equipment: Solar Turbine Taurus 60 Mobile Units

CUSTOMER PROFILE

The Broad Mountain Power Landfill Gas-to-Energy Project includes design, equipment procurement, construction and operations and maintenance. The project is located at the Commonwealth Environmental Systems (CES) municipal solid waste landfill in Hegins, Pennsylvania.

PROJECT SUMMARY

The CES project includes turn-key construction of a 10.2 MW power plant with two mobile turbine packages and associated equipment interconnected to the local power grid. The project also includes a pipeline to convey landfill gas to the facility, two stage compression systems and a siloxane removal system.

Interconnection to the flare and controls allow for the landfill gas to be directed to both the Energy Generation Facility and a local business for direct end use.